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(54) MEASURING METHOD FOR RESIDUAL AMOUNT OF HYDROGEN IN HYDROGEN STORAGE ALLOY CONTAINER

(57)Abstract:

PURPOSE: To easily and accurately measure the residual amount of hydrogen in a hydrogen storage alloy container.
CONSTITUTION: A strain gauge G is attached to the wall 1a of a hydrogen storage alloy container 1 and, by discharging hydrogen little by little from the hydrogen storage alloy 2 of the container 2, the residual amount of hydrogen in the alloy 2 is successively calculated. Then the relation between strains and residual amounts of hydrogen is established by successively measuring the strains at the time of discharging the hydrogen. The residual amount of hydrogen in the container 1 is measured from the strain measured with the gauge G based on the established relation between the strains and residual amounts of hydrogen.

